

Figure 3: Interface of Database for State-level Weather Data

The screenshot shows the NOAA National Centers for Environmental Information website. At the top, there are logos for NOAA and the Department of Commerce. Below the logos is a navigation bar with links for Home, Climate Information, Data Access, Customer Support, Contact, and About. A search bar is located on the right side of the navigation bar. Below the navigation bar is a breadcrumb trail: Home > Climate Data Online > Data Tools > Find a Station. A secondary navigation bar contains links for Datasets, Search Tool, Mapping Tool, Data Tools, and Help. The main content area is titled "Data Tools: Find a Station". Below the title, there is a text box for "Enter Location" with the placeholder text "Enter search terms here...". Below that is a "Select Dataset" dropdown menu currently set to "Monthly Summaries". Below that is a "Select Date Range" field showing "1995-01-01 to 2015-12-01". Below that is a "Data Categories" section with three checked options: "Air Temperature", "Computed", and "Precipitation". To the right of the form fields is a map of the United States with numerous blue weather station icons. The map includes labels for various cities and states in Chinese and English. At the bottom of the map, there is a Google logo, a scale bar, and a page number "1 - 50 of 11721".

Source: (NOAA, 2015)